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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT [redacted]
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SUPPLEMENT TO REPORT NO.

THIS IS UNEVALUATED INFORMATION

[redacted]

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1. The research laboratory of Berliner Gluehlampenwerke, formerly under the direction of Dr. Pschera, was working on the fabrication of rhenium metal. The Mansfeld Copper Combine supplied powdered rhenium which was sintered and fabricated by conventional powder metallurgical processes similar to those used for tungsten 1/. Ten to twenty kilograms of rhenium were made daily 2/. Applications for rhenium were being sought, although there were no specific uses for which the rhenium was being prepared. [redacted] physical and mechanical tests on rhenium [redacted] did not carry out.

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2. Phosphorus was being produced at Piesteritz from Soviet phosphates found in the Kola peninsula. The phosphorus was shipped back to the USSR while rare earths gained in the process (about 2 1/2 - 3%), including thorium, were retained by Piesteritz. Phosphorus production was about twenty tons a day. This activity began in the last half of 1951 under the direction of Dr. (fnu) Schirmer.

3. Gallium production at the Elektrochemisches Kombinat, Bitterfeld, by an electrochemical method, was under the direction of Dr. Dreuninger. Gallium oxide of high purity was obtained from the USSR. In 1950, as soon as the process was found to be operating successfully, the entire installation was dismantled and sent to the USSR, including all apparatus and reports of progress.

4. There was no critical shortage of low alloy steels containing chromium, nickel, and molybdenum which apparently indicated a satisfactory supply of these alloying elements for low alloy steels 3/.

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[redacted] Comments:

1/ No process employing melting entered the operation.
2/ This figure seems unreasonably high and is to be considered of low reliability.
3/ This statement has not been confirmed [redacted] 25X1

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